CLAIMS:

1.   A method of composing an image [IM], the method comprising a step of mapping [MAP] a set of image sample values [SV] from a departure space [DEP] to an arrival space [ARR] in accordance with a geometrical transformation [T], the method comprising the steps of

5   -   computing a zone in the departure space [ITL] by applying the inverse geometrical transformation $[T^{-1}]$ to a zone in the arrival space [TL] covering a group of image samples;

-         establishing a group of input values [IV] for the zone in the departure space [ITL], the group of input values [IV] comprising Boolean values [BV], a Boolean input value

10   having a certain position (x_d, y_d) in the departure space and designating the other values having the same position as being non-valid if the position is outside the set of image sample values;

-         composing the group of image samples [TL] from the group of input values [IV], the Boolean values [BV] preventing the input values designated as being non-valid

15   from contributing to an image sample.

2.   A device for composing an image [IM], the composition comprising a step of mapping [MAP] a set of image sample values [SV] from a departure space [DEP] to an arrival space [ARR] in accordance with a geometrical transformation [T], the device being

20   arranged to perform the steps of

-         computing a zone in the departure space [ITL] by applying the inverse geometrical transformation $[T^{-1}]$ to a zone in the arrival space [TL] covering a group of image samples;

-         establishing a group of input values [IV] for the zone in the departure space

25   [ITL], the group of input values [IV] comprising Boolean values [BV], a Boolean input value having a certain position (x_d, y_d) in the departure space and designating the other values having the same position as being non-valid if the position is outside the set of image sample values;

- composing the group of image samples [TL] from the group of input values [IV], the Boolean values [BV] preventing the input values designated as being non-valid from contributing to an image sample.

5   3.   A computer program product for an image composition device, the computer program product comprising a set of instructions which, when loaded into the image composition device, cause the device to map [MAP] a set of image sample values [SV] from a departure space [DEP] to an arrival space [ARR] in accordance with a geometrical transformation [T] by performing the steps of

10   -   computing a zone in the departure space [ITL] by applying the inverse geometrical transformation [T^{-1}] to a zone in the arrival space [TL] covering a group of image samples;

-           establishing a group of input values [IV] for the zone in the departure space [ITL], the group of input values [IV] comprising Boolean values [BV], a Boolean input value

15   having a certain position (x_d, y_d) in the departure space and designating the other values having the same position as being non-valid if the position is outside the set of image sample values;

-           composing the group of image samples [TL] from the group of input values [IV], the Boolean values [BV] preventing the input values designated as being non-valid

20   from contributing to an image sample.